

STANDARD PLAN A SCHEDULE

MINIMUM NUMBER OF BOLTS & ANCHORS		BRACING BOLTING & SHEAR TRANSFER REQUIREMENTS FOR 1-STORY HOUSE Using 15/32" rated plywood sheathing with 8d @ 4" o.c.						PLYWOOD PANEL INSTALLATION REQUIREMENTS	
<div>-SILL BOLT OR FOUNDATION ANCHOR SPACING AT BRACED PANELS SHALL BE: ● ONE BOLT OR FOUNDATION ANCHOR AT EACH END BAY (MINIMUM). ● ADDITIONAL BOLTS AT 32" ON CENTER OR LESS. ● ADDITIONAL FOUNDATION BOLTS OR ANCHORS AS REQUIRED BY THE CHART (ON RIGHT).</div> <div>-SILL BOLT SPACING OUTSIDE BRACED PANELS SHALL BE: ● 1/2" DIA. (MINIMUM) AT 6'-0" ON CENTER OR LESS. ● OTHER ANCHORS EQUIVALENT TO 1/2" DIA. MAY BE USED.</div>	TOTAL FLOOR AREA (SF) (1)	HEAVY OR LIGHT CONSTRUCTION	TOTAL BRACING LENGTH ALONG EACH WALL LINE 8d @ 4" NAILING	MINIMUM SILL ANCHORS ALONG EACH WALL LINE			MINIMUM NO. OF ANGLES (3) ALONG EACH WALL LINE (4)		
				UFP10 (2)	1/2" DIA. BOLTS (8" DIA. BOLT)		NO. OF L70	NO. OF L90	
	1200	HEAVY	20'	6	9	7	17	13	
	1200	LIGHT	14'-8"	5	7	5	13	10	
	1500	HEAVY	22'-8"	7	11	8	19	15	
	1500	LIGHT	17'-4"	5	8	6	15	11	
	2000	HEAVY	28'	8	13	9	24	18	
	2000	LIGHT	21'-4"	6	10	7	18	14	
	BRACING BOLTING & SHEAR TRANSFER REQUIREMENTS FOR 2-STORY HOUSE Using 15/32" rated plywood sheathing with 8d @ 4" o.c.								
	1800	HEAVY	24'-0"	7	12	8	21	16	
	1800	LIGHT	18'-8"	6	9	7	16	12	
	2400	HEAVY	29'-4"	9	14	10	25	19	
	2400	LIGHT	22'-8"	7	11	8	20	15	
	3000	HEAVY	N/A		N/A	N/A	N/A	N/A	
	3000	LIGHT	26'-8"	8	13	9	23	17	

NOTE: NEW BOLTS OR ANCHORS SHALL BE INSTALLED WHERE PLYWOOD PANELS OCCUR.
ALL NEW MUD SILL BOLTS SHALL HAVE A 3" X 3" X 1/4" PLATE WASHER INSTALLED BETWEEN THE MUD SILL (OR BLOCKING) AND THE NUT.
NEW BOLTS SHALL BE 1-1/2" INCHES MINIMUM FROM THE EDGES OF THE MUD SILL AND 4-3/8" FROM THE ENDS.
EXISTING BOLTS MAY BE USED ALONG PORTIONS OF MUD SILLS LOCATED OUTSIDE OF A BRACED WALL PANEL AND ALONG WALL LINES WITHOUT A CRIPPLE WALL, WHEN THEY MEET THE FOLLOWING REQUIREMENTS:
● BOLTS SHALL BE 1 INCH MINIMUM FROM THE EDGES OF THE MUD SILL (MEASURED FROM THE CENTER OF THE BOLT TO THE EDGE OF THE MUD SILL).
● BOLTS MUST NOT BE SEVERELY RUSTED, DAMAGED, OR DETERIORATED SUCH THAT THEIR ORIGINAL CAPACITY IS SIGNIFICANTLY REDUCED.
● MUD SILL BOLT HOLES MUST NOT BE OVERSIZED SUCH THAT THE EFFECTIVENESS OF THE WASHER AND NUT IS SIGNIFICANTLY REDUCED.

FOOTNOTES FROM TABLE:
(1) SEE TOTAL FLOOR AREA FROM RETROFIT CONSTRUCTION DATA.
(2) WHEN UFP ANCHORS AND BOLTS ARE USED IN A SINGLE WALL LINE, UFP ANCHORS MAYBE SUBSTITUTED FOR THE NUMBER OF BOLTS.
(3) NOT MORE THAN ONE ANGLE PER JOIST BAY UNLESS JOISTS ARE SPACED 24 INCHES ON CENTER, WHERE PRACTICABLE INSTALL ANGLES BETWEEN JOISTS ABOVE PLYWOOD PANEL LOCATIONS.
(4) INSTALL L70 & L90 W/ 10d x 1-1/2" NAILS.